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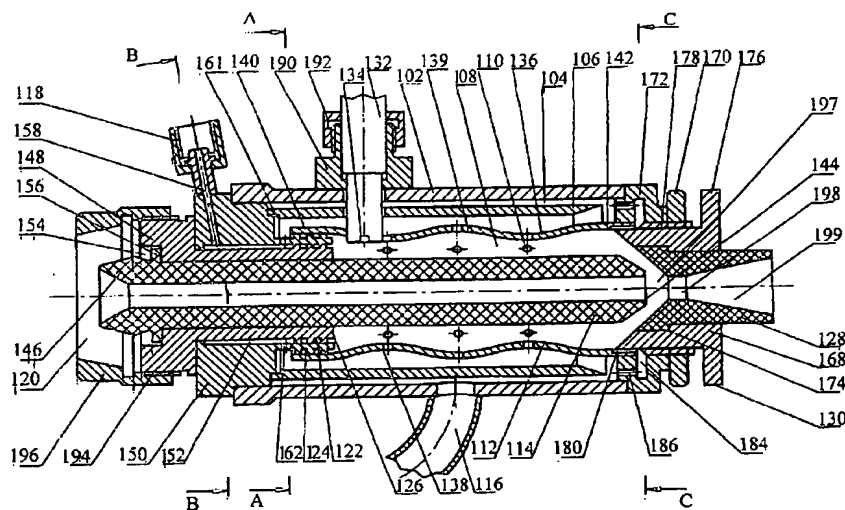
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(54) Title: ABRASIVE BLASTING DEVICE



(57) Abstract: The device provides for both "cold" and "hot" processing. It comprises a nozzle gun, an abrasive vessel, a batcher, an ejection-type mixer, a fuel tank, a receiver. The nozzle gun comprises a combustion chamber (108), a tubular element (114) for air/abrasive mixture feeding, a nozzle (128), swirlers of the fuel blend (122) and of gaseous oxidant (124). The combustion chamber (108) at its perforated wall area (110) is embodied with variable cross-section. The batcher comprises a means for independent regulation of the seat position with respect to the position of the slide-valve rod, a means for abrasive loosening and blow purging.

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